



Noise Control & Acoustics Division

Established as a division in 1981

Vision and Mission

Encourage, focus, and further the development and application of noise control and acoustics principles to multidisciplinary engineering. The program will also provide a balance between the theoretical studies of acoustics and its applications in terms of noise control engineering.

Technical Committees

1. Active and Passive Noise Control
2. Aero / Hydro Acoustics
3. Structural Acoustics

Membership

Primary membership has more than 600 members. Secondary memberships total over 1200. More than half the primary members are from industry, about 6-10% are from government labs and the balance is from academia.

Publications

- ASME Transactions *Journal of Vibration & Acoustics* – 3 NCAD Associate Editors
- Annual conference proceedings on CD-ROM from IMECE sessions or another joint acoustics conference (e.g. NoiseCon)
- Publication of tutorial materials in NCAD section of ASME.ORG
- Publication of a newsletter each year

Honors and Awards

Society Level

- Per Bruel Gold Medal

Division Level

- Rayleigh Lecture (Distinguished Invited Lecture)
- Student Paper Competition

Areas for Collaboration

- Eager to co-sponsor symposia with other divisions
- Development of symposia at other ASME and other Society conferences
- Greater emphasis on NC&A in concurrent engineering design process

Educational Activities

- Invited Tutorials at IMECE
 - Boundary Element Methods
 - Modal Analysis
 - Computational Acoustics
 - Active Noise Control
 - Phononic Crystals
 - Structural Acoustics
 - Sonic Booms
- 12-18 sessions typically at IMECE or another acoustics conference
- 50-80 peer reviewed papers

Executive Committee

Consists of the

- Chair
- Vice-Chair
- Secretary/Treasurer
- Program Chair
- Member at large

Executive Committee members are typically past Technical Committee chairs.